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PTO/SB/08A (10-96)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO
(Modified by BSTZ 6/30/99)**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number		New divisional application		
	Filing Date		Herewith		
	First Named Inventor		Kuriacose Joseph		
	Group Art Unit		Not yet assigned		
	Examiner Name		Not yet assigned		
Sheet	1	of	8	Attorney Docket Number	05214.P001RD3

J1040 U.S. PTO
 09/30/99
 07/10/01

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			
9		4,734,858	Schlaflly	3/9/1988	11/26/1984
		4,739,310	Yamamoto	4/19/1988	10/29/1985
		5,208,748	Flores, et al.	5/4/93	6/19/1989
		5,303,393	Noreen, et al.	4/2/1994	4/12/1991
		5,963,924	Williams, et al.	10/1999	4/26/1996
		3,803,491	Osborn	4/1974	
		3,891,792	Kimura	6/1975	
		4,264,925	Freman, et al.	4/1981	
		4,323,922	Tooder, et al.	4/1982	
		4,528,589	Block et al.	7/1985	
		4,937,784	Masai, et al.	6/1990	
		4,965,825	Harvey, et al.	10/1990	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			
9	PCT	WO 96/17466	6.6.1996			
	EPO	0680185A2	2.11.1995			
9	EPO	0145063A2	6.1985			

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
9	KRISTOL, D. et al. "HTTP State Management Mechanism", Bell Laboratories, Lucent Technologies, February 1997, Pages 1-21, Network Working Group, Web Page: http://www.cs.ohio-state.edu/cgi-bin/rfc/rfc2109.html	
	"Strictly Exchange Online Auction Software", All CruiseAuction.com, No Date Given, Pages 1-3, Web page: http://www.auctionhosting.com/	
9	KETCHPEL, STEVEN P, et al., "Shopping Models: A Flexible Architecture for Information Commerce", <u>Proceeding of the 2nd ACM International Conference on Digital Libraries</u> , July 25-28, 1997, Pages 65-74, ACM Press, Philadelphia, PA, USA	

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Date
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			First Named Inventor	Kuriacose Joseph	
			Group Art Unit	Not yet assigned	
Examiner Name	Not yet assigned				
Sheet	2	of	8	Attorney Docket Number	05214.P001RD3

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	Number				
9		5,129,080	Smith	7/1992	
		5,168,356	Acampora, et al.	12/1992	
		5,191,573	Hair	3/1993	
		5,233,654	Harvey, et al.	8/1993	
		5,343,238	Lappington, et al.	8/1994	
		5,440,744	Jacobson, et al.	8/1995	
		5,548,532	Menand, et al.	8/1996	
9		5,600,364	Hendricks, et al.	2/1997	

FOREIGN PATENT DOCUMENTS							
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		Office or Country	Number	Date			
g		EPO	0570683A2	11/1993			
g		EPO	0583186A1	2/1994			

OTHER DOCUMENTS		
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9	WILCOX, ANDREW., "MiniVend--multi-catalog shopping cart and mail", <u>Describes Mini Vend 2.03. Version 0.2. with portions from Vend 0.3.</u> No Date Given, Pages 1-93, Web Page: http://bill.minivend.com/2simp/mimivend.html	
	BERNERS-LEE, T., "Hypertext Markup Language - 2.0", <u>Network Working Group MIT/W3C RFC 1866</u> , November 1995, Pages 1-51	
9	GREENSPUN, PHILIP, "Chapter 14: Ecommerce" <u>Philip And Alex's Guide To Web Publishing</u> , No Date Given, Pages 1-31, Web Page: http://www.arsdigita.com/books/panda/ecommerce	

Examiner Signature	<i>GARG</i>	Date Considered	8/13/07
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			First Named Inventor	Kuriacose Joseph	
			Group Art Unit	Not yet assignend	
Examiner Name	Not yet assigned				
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9	BOUNTYQUEST, "1-Click Prior Art" Web Page: http://www.bountyquest.com/patentinfo/oneclickart.htm , No Date Given, Pages 1-8, bountyquest	
	CARCIONE, FRANK, J., "Quarterly Report", <u>Teivue Corp.</u> 10-Q, 9/30/1995, Pages 1-10, Washington, DC., Web page: http://www.secnfo.com/dpJXs.a6.htm	
9	SWIFT, TAMMY, "The everchanging maketplace: From the neighborhood grocery to the hyperstores of today", <u>The Forum</u> , 8/18/1999, Pages 1-7, The Everchanging marketplace Web page: http://www.in-forum.com/specials/century/jan3/week34.html	

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9	ALBRIGHT, THOMAS B., "Simple Internet Purchase Procedure" Web Page: http://www.bountyquest.com/images/b1025_17a.jpg , Pages 1, No Date Given	
	"Diagram of Example Operation", Web Page: http://www.bountyquest.com/images/b1025_17b.jpg , Page 1, No Date Given	
9	STARTREK.COM: The official Star Trek Web Site! Web Page: http://www.startrek.com/ , Page 1-2, No Date Given	

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			First Named Inventor	Kuriacose Joseph	
			Group Art Unit	Not yet assigned	
Examiner Name	Not yet assigned				
Sheet	5	of	8	Attorney Docket Number	05214.P001RD3

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OTHER DOCUMENTS		
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9	"Contents Table of Contents", <u>ISPF V4R2.0 User's Guide</u> , October 9, 1995, Pages 1-9, Document Number SC34-4484-01, IBM BookManager, Web Page: http://publib.boulder.ibm.com/cgi-bin/bookmgr/BOOKS/SPUGD02/CCONTENTS	
1	M-CAM, Inc. "Intellectual Property Analysis of Amazon's U.S. Patent No. 5,960,411", <u>Patently Obvious Litigation Report</u> , M-Cam.com, March 2, 2001, Pages 1-6, NE Charlottesville, VA	
9	BOUNTYQUEST, "1-Click Patent: No Exact Match But Runners Up Will Split \$10,000 Cash Prize", <u>Bountyquest.com</u> , No Date Given, Pages 1-3, Web Page: http://www.bountyquest/infocenter/click.htm	

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			Filing Date	Herewith	
			First Named Inventor	Kuriacose Joseph	
			Group Art Unit	Not yet assigned	
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Sheet	6	of	8	Attorney Docket Number	05214.P001RD3

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	O'REILLY, TIM, "Reilly Awards \$10,000 1-Click County to Three "Runners Up", O'Reilly Network. Patents DEVCENTER, March 14, 2001, Pages 1-5, Web Page: http://www.oreillynet.com/pub/a/patents/2001/03/14/bounty.html	
	"BARNESANDNOBLE.COM's Proposed Findings of Fact and Conclusions of Law", AMAZON.COM, INC. v. BARNESANDNOBLE.COM, INC. and BARNESANDNOBLE.COM, LLC, no. C99-1695P, filed Nov. 22, 1999, United States District Court, Western District of Washington at Seattle	
	"Declaration of Steven J. Wallach In Support of BARNESANDNOBLE.COM's Opposition to AMAZON.COM's Motion for Preliminary Injunction, AMAZON.COM, INC. v. BARNESANDNOBLE.COM, INC. and BARNESANDNOBLE.COM, LLC, no. C99-1695P, filed Nov. 8, 1999, United States District Court, Western District of Washington at Seattle	

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			First Named Inventor	Kuriacose Joseph	
			Group Art Unit	Not yet assigned	
Examiner Name	Not yet assigned				
Sheet	7	of	8	Attorney Docket Number	05214.P001RD3

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9	"Declaration of Professor Martin J. Adelman in Support of BARNESANDNOBLE.COM's Opposition to AMAZON.COM's Motion for a Preliminary Injunction", AMAZON.COM, INC. v. BARNESANDNOBLE.COM, INC. and BARNESANDNOBLE.COM, LLC, no. C99-1695P, filed November 8, 1999, United States District Court, Western District of Washington at Seattle.	
	"Declaration of John W. Lockwood in Support of BARNESANDNOBLE.COM's Opposition to AMAZON.COM's Motion for a Preliminary Injunction", AMAZON.COM, INC. v. BARNESANDNOBLE.COM, INC. and BARNESANDNOBLE.COM, LLC, no. C99-1695P, filed November 8, 1999, United States District Court, Western District of Washington at Seattle	
9	"BARNESANDNOBLE.COM's Opposition to AMAZON.COM's Motion for a Preliminary Injunction, AMAZON.COM, INC. v. BARNESANDNOBLE.COM, INC. and BARNESANDNOBLE.COM, LLC, no. C99-1695P, filed Nov. 8, 1999, United States District Court, Western District of Washington at Seattle	

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Application Number	New divisional application
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First Named Inventor	Kuriacose Joseph
Group Art Unit	Not yet assigned
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Sheet 8 of 8

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9	"Order on Plaintiff's Motion for Preliminary Injunction", AMAZON.COM, INC. v. BARNESANDNOBLE.COM.INC. and BARNESANDNOBLE.COM, LLC., no. C99-1695P, decided December 1, 1999, United States District Court, Western District of Washington at Seattle	
	Appeal", AMAZON.COM, INC. v. BARNESANDNOBLE.COM.INC. and BARNESANDNOBLE.COM, LLC, 00-1109, Decided February 14, 2001, United States Court of Appeals for the Federal Circuit.	
9	"Doonsbury" by G. B. Trudeau, May 2 through May 8, 1992, www.doonsbury.com.	

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		Filing Date	07/10/2001		
		First Named Inventor	Kuriacose Joseph		
		Art Unit	2166		
		Examiner Name	Kalinowski, A.		
Sheet	1	of	5	Attorney Docket Number	5214P001RD3

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9	1	US- 3,803,491	04.09.1974	Osborn	
	2	US- 3,891,792	06.24.1975	Kimura	
	3	US- 4,264,925	04.28.1981	Freeman et al.	
	4	US- 4,323,922	04.06.1982	den Toonder et al.	
	5	US- 4,528,589	07.09.1985	Block et al.	
	6	US- 4,724,521	02.09.1988	Carron et al.	
	7	US- 4,851,994	07.25.1989	Toda et al.	
	8	US- 4,935,870	06.19.1990	Burk, Jr. et al.	
	9	US- 4,937,784	06.26.1990	Masai et al.	
	10	US- 4,965,825	10.23.1990	Harvey et al.	
	11	US- 4,991,011	02.05.1991	Johnson et al.	
	12	US- 5,003,591	03.26.1991	Kaufman et al.	
	13	US- 5,036,314	07.30.1991	Barilari et al.	
	14	US- 5,129,080	07.07.1992	Smith	
	15	US- 5,132,992	07.21.1992	Yurt et al.	
	16	US- 5,191,410	03.02.1993	McCalley et al.	
	17	US- 5,191,573	03.02.1993	Hair	
	18	US- 5,195,092	03.16.1993	Wilson et al.	
	19	US- 5,204,947	04.20.1993	Bernstein et al.	
	20	US- 5,233,654	08.03.1993	Harvey et al.	

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9	21	EP 0 145 063 A2	06.19.1985	International Standard Electric Corporation	
	22	EP 0 145 063 B1	06.19.1985	International Standard Electric Corporation	
	23	EP 0 570 683 A2	11.24.1993	International Business Machines Corporation	
	24	EP 0 570 683 A3	11.24.1993	International Business Machines Corporation	
	25	EP 0 583 186 B1	02.16.1994	Queniat, Jean-François	
	26	EP 0 399 300 A2	11.28.1990	Hitachi, LTD.	
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/903,457
		Filing Date	07/10/2001
		First Named Inventor	Kuriacose Joseph
		Group Art Unit	2166
		Examiner Name	Kalinowski, A.
		Attorney Docket Number	5214P001RD3
Sheet	2	of	5

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
9	31	Green N, Hedger J, "ORACLE on Independent Television" Sept. 1976.	
	32	Hedger, J, "Broadcast Telesoftware: Experience with ORACLE" Online conferences Ltd., 1980.	
	33	Ammar M H, Wong JW, "The Design of Teletext Broadcast Cycles" Elsevier Science Publishers B.V., 1985 (Received May 13, 1984). [Wong's group, Dept of Computer Science, University of Waterloo, Ontario, Canada]	
	34	Gifford D K, Lucassen J M, Berlin S T, "The Application of Digital Broadcast Communication to Large Scale Information Systems" IEEE Journal on Selected Areas in Communications, Vol. SAC-3, No. 3, May 1985 (received Sept. 19, 1984). [MIT lab, Gifford's group]	
	35	Wong J W, "Broadcast Delivery" Proceedings of IEEE, Vol. 76, No. 12, Dec 1988 (Received April 15 1988).	
	36	Herman G, Gopal G, Lee K C, Weinrib A, "The Datacycle Architecture for Very High Throughput Database Systems" Proceedings of Association for Computing Machinery Special Interest Group on Management of Data, 1987 Annual Conference, San Francisco, May 27-29, 1987. [Bell Lab, Herman & Gopal's group, Bell Communications Research, Inc., Morristown, NJ.]	
	37	Gifford D K, "Polychannel Systems for Mass Digital Communication" Communications of ACM, Vol. 33, Number 2, Feb. 1990. [MIT lab, Gifford's group]	
	38	Bowen T F, Goapl G, Herman G, Hickey T, Lee K C, Mansfield W H, Raitz J, Weinrib A, "The Datacycle Architecture" Communications of the ACM, Vol. 35, No. 12, Dec. 1992.	
	39	Antonelli C J, Honeyman P, "Integrating Mass Storage and File Systems", Proceedings, Twelfth IEEE Symposium on Mass Storage Systems, April 26-29, 1993, Monterey, CA.	
	40	Zdonik S, "Are "Disks in the Air" Just Pie in the Sky?" IEEE, Workshop on Mobile Computing Systems and Applications, Santa Cruz, CA, Dec. 1994. [Brown's lab, Zdonik's Group, Dept. of Computer Science, Brown Univ., affiliated with Dept. of Computer Science, University of Maryland]	
9	41	Acharya S, Alonso R, Franklin M, Zdonik S, "Broadcast Disk: Data Management for Asymmetric Communication Environments" Proceedings of the ACM SIGMOD International conference on Management of Data, San Jose, CA May 1995 (first published in Brown University Technical Report CS-94-43, October 1994).	

Examiner Signature	GAR G	Date Considered	9/13/07
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/903,457		
		Filing Date	07/10/2001		
		First Named Inventor	Kuriacose Joseph		
		Art Unit	2166		
		Examiner Name	Kalinowski, A.		
Sheet	3	of	5	Attorney Docket Number	5214P001RD3

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
9	1	US- 5,343,239	08.30.1994	Lappington et al.	
	2	US- 5,440,744	08.08.1995	Jacobson et al.	
	3	US- 5,539,449	07.23.1996	Blahut et al.	
	4	US- 5,548,532	08.20.1996	Menand et al.	
	5	US- 5,600,364	02.04.1997	Hendricks et al.	
	6	US- 5,666,293	09.09.1997	Metz et al.	
	7	US- 5,729,549	03.17.1998	Kostreski et al.	
	8	US- 5,734,589	03.31.1998	Kostreski et al.	
	9	US- 5,768,539	08.16.1998	Metz et al.	
	10	US- 5,805,825	09.08.1998	Danneels et al.	
	11	US- 5,822,324	10.13.1998	Kostreski et al.	
	12	US- 5,826,166	10.20.1998	Brooks et al.	
	13	US- 5,951,639	09.14.1999	MacInnis	
	14	US- 5,973,684	10.26.1999	Brooks et al.	
	15	US- 5,978,855	11.02.1999	Metz et al.	
	16	US- 6,130,898	10.10.2000	Kostreski et al.	
	17	US- 6,185,585 B1	02.06.2001	Sequeira	
	18	US- 6,195,364 B1	02.27.2001	Brodigan	
	19	US- 6,222,530 B1	04.24.2001	Sequeira	
	20	US- 4,163,255	07-31-1979	Pires	

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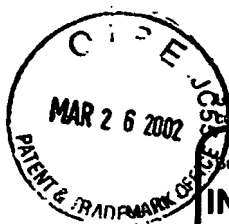
FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/903,457		
		Filing Date	07/10/2001		
		First Named Inventor	Kuriacose Joseph		
		Group Art Unit	2166		
		Examiner Name	Kalinowski, A.		
Sheet	4	of	5	Attorney Docket Number	5214P001RD3

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
G	31	Acharya S, Alonso R, Franklin M, Zdonik S, "Dissemination-based Data Delivery Using Broadcast Disks" IEEE Personal Communications, Vol. 2(6), 50-60, 1995.	
	32	Imielinski T, Viswanathan S, Badrinath B R, "Power Efficient Filtering of Data on Air" Advances in Database Technology - EDBT '94, Proceedings, 4th International conference on Extending Database Technology, Cambridge, United Kingdom, March 28-31, 1994. [Rutger's group, Imielinski's lab, Dept. of Computer Science, Rutgers University]	
	33	Imielinski T, Viswanathan S, Badrinath B R, "Energy Efficient Indexing on Air" Proceedings of the 1994 ACM SIGMOD, International Conference on Management of Data, Minneapolis, Minnesota, May 24-27, 1994.	
	34	Imielinski T, Badrinath B R, "Mobile Wireless Computing" Communications of the ACM, Vol. 37, No. 10, October 1994.	
	35	Dr. Hisham El-Shishiny, et al., "A Regional Broadcast-Centric Education System", IEEE Symposium on Computers and Communications, Alexandria, Egypt, July 1-3, 1997.	
	36	Anonymous, "Internet Gets Shopping Mall", Information & Interactive Services Report, April 22, 1994, Vol. 15, No. 8, 1 page.	
	37	Brody, Herb, "Information Highway: Technology Review, Aug/Sep 1993, Vol. 96, No. 6, page 30.	
	38	Rice, Dale, "Centralization, Standardization Are "Way to Go", American Banker, March 9, 1987, Vol. 152, No. 46, page 11.	
	39	Poole et al., "Cable TV Plugs Into Internet", Unix World, November 1993, Vol. X, No. 11, page 16.	
	40	Yamada, Ken, "Hewlett Devises Way for Palm-Top PC to be linked to "Interactive" Television", Wall Street Journal, October 7, 1992, page B3.	
G	41	Zachary, G Pascal, "Technology: HP is Building Gadget to Make TVs Interactive", Wall Street Journal, February 27, 1992, page B1.	

Examiner Signature	GAR G	Date Considered	9/13/07
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Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/903,457		
		Filing Date	07/10/2001		
		First Named Inventor	Kuriacose Joseph		
		Art Unit	2166		
		Examiner Name	Kallnowski, A.		
Sheet	5	of	5	Attorney Docket Number	5214P001RD3

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
9	1	US- 4,789,895	12-06-1988	Mustafa et al.	
	2	US- 5,418,559	05-23-1995	Blahut	
	3	US- 5,485,197	01-16-1996	Hoarty	
	4	US- 4,865,825	10-23-1990	Harvey et al.	
	5	US- 5,936,659	08-10-1999	Viswanathan et al.	
	6	US- 6,240,448 B1	05-29-2001	Imielinski et al.	
	7	US- 5,708,435	01-06-1998	Barbará et al.	
	8	US- 5,168,356	12-01-1992	Acampora et al.	
	9	US- 5,581,704	12-03-1996	Barbará et al.	
	10	US- 5,621,456	04-15-1997	Florin et al.	
9	11	US- 5,848,399	12-08-1998	Burke	
	12	US- 5,347,632	09-13-1994	Filepp et al.	
	13	US-			
	14	US-			
	15	US-			
	16	US-			
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	21					
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Substitute for Form 1449/APTO (Modified)		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/903,457
		Filing Date	July 10, 2001
		First Named Inventor:	Kuriacose Joseph et al.
		Group Art Unit	2166
		Examiner Name	Kalinowski, A.
		Attorney Docket Number	5214P001RD3
Sheet	2	of	
OTHER ART AND PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
9		European Search Report-EP 95 10 5803, March 6, 2002.	

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/903,457
				Filing Date	July 10, 2001
				First Named Inventor	Kuriacose Joseph, et al.
				Group Art Unit	3626
				Examiner Name	Kalinowski, A.
				Attorney Docket Number	5214P001RD3
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
9		4,937,863		Robert, et al.	06-26-1990	
		5,204,897		Wyman	04-20-1993	
		5,260,999		Wyman	11-09-1993	
		5,627,940		Rohra, et al.	05-06-1997	
		5,640,501		Turpin	06-17-1997	
		5,640,577		Scharmer	06-17-1997	
		5,664,111		Nahan, et al.	09-02-1997	
		5,715,314		Payne, et al.	02-03-1998	
		5,715,399		Bezos	02-03-1998	
		5,727,163		Bezos	03-10-1998	
		5,745,681		Levine, et al.	04-28-1998	
		5,758,126		Daniels, et al.	05-26-1998	
		5,960,411		Hartman, et al.	09-28-1999	
		5,819,034		Joseph, et al.	10-06-1998	
		4,247,106		Jeffers, et al.	01-27-1981	
		5,003,591		Kauffman, et al.	03-26-1991	
		5,440,632		Bacon	08-08-1995	
		5,581,270		Smith, et al.	12-03-1996	

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FOREIGN PATENT DOCUMENTS							
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		Office*	Number*	Kind Code* (if known)			
9		EP	0845747	A2	Hitachi, Ltd.	06-03-1998	
		EP	0883076	A2	Internation Business Machines	12-09-1998	
		WO	95/30961		Tackbary, Mary	11-16-1995	
		WO	98/21679		Microsoft Corporation	05-22-1998	
		WO	96/38799		Amazon.com	12-05-1996	
9		EP	0855659	A1	Gabberm Eran	07-29-1998	
		EP	0855687	A2	AT&T Corp	07-29-1998	

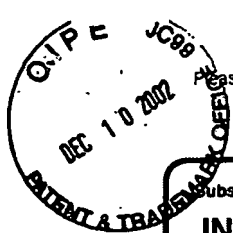
Examiner Signature	<i>GARG</i>	Date Considered	9/13/07
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 8

Complete if Known

Application Number 09/903457
Filing Date July 10, 2001
First Named Inventor Joseph Kuriacose
Group Art Unit 2166
Examiner Name Kalinowski, Alexander G.
Attorney Docket Number 5214P001RD3

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U.S. PATENT DOCUMENTS						
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		Number	Kind Code* (if known)			
9		Re. 32,187		Barden, et al.	06-17-1986	
		4,595,951		Filliman	06-17-1986	
		4,595,952		Filliman	06-17-1986	
		4,636,858		Hauge, et al.	01-13-1987	
		4,680,629		Fukushima, et al.	07-14-1987	
		4,712,131		Tanabe	12-08-1987	
		4,740,912		Whitaker	04-26-1988	
		4,744,080		Brennand, et al.	05-10-1988	
		4,757,498		Murray	07-12-1988	
		4,894,789		Yee	01-16-1990	
		4,908,707		Kinghorn	03-13-1990	
		4,924,303		Brandon, et al.	05-08-1990	
		4,935,870		Burk, Jr. et al.	06-19-1990	
		5,010,499		Yee	04-23-1991	
		5,075,773		Pullen, et al.	12-24-1991	
		5,121,476		Yee	06-09-1992	
		5,148,275		Batter, et al.	09-15-1992	
		5,221,968		Bugg	06-22-1993	
		5,235,415		Bonice, et al.	08-10-1993	
		5,355,170		Eitz, et al.	10-11-1994	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.†	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office*	Number*	Kind Code* (if known)				
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Application Number

09/903.457

Filing Date

July 10, 2001

First Named Inventor

Joseph Kuriacose

Group Art Unit

2166

Examiner Name

Kalinowski, Alexander G.

Attorney Docket Number

5214P001RD3

U.S. PATENT DOCUMENTS

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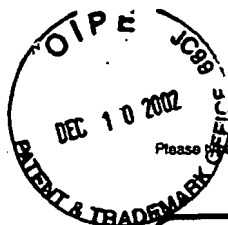
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete If Known	
				Application Number	09/903457
				Filing Date	July 10, 2001
				First Named Inventor	Joseph Kuriacose
				Group Art Unit	2166
				Examiner Name	Kalinowski, Alexander
Sheet	5	of	8	Attorney Docket Number	5214P001RD 3

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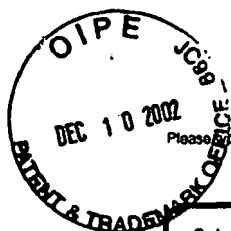
OTHER ART - NON PATENT LITERATURE DOCUMENTS			
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9		SMITHSON, P.M., et al., "The Development of an Operational Computer Based Satellite Data Broadcasting System", Tenth International Conference on Digital Satellite Communications (Conf. Publ. No. 403) Pat vol. 2 p. 405-12 Vol. 2, Publisher IEEE, London, UK, Publication date: 1994 Country of Publication: UK 2 vol. (712) pp.	
		FUJIMOTO, et al., "Matsushita Data Multiplex System For Satellite Communications", Journal: National Technical Report, Vol. 39, No. 3, p.316-23, Publication Date: June 1993, Country of Publication: Japan	
		CHOUINARD, G., "Broadcasting of HDTV: Beyond the Vision Signal", Third International Colloquium on Advanced Television Systems: HDTV '87. Colloquium Proceedings, p. 4/7/1-23, Publisher: CBC Eng, Montreal, Que., Canada, Publication Date: 1988 Country of Publication: Canada 2 Vol. (674+148) pp., p. Vol. 1	
		CHAMBERS, J.P., "BBC Datacast-The Transmission System", Journal: Electronics & Wireless World, Vol. 92, No. 1609, p. 95-8, Publication Date: Nov. 1986, Country of Publication: UK	
		STALLARD, W.G., "Data Broadcasting", Corporate Source: Independent Broadcasting Authority, London, Engl, Source: IBA Technical Review (Independent Broadcasting Authority) n 24, Nov 1988, p 48-49, Publication Year: 1988	
		NISHIZAWA TAJI, et al., Jpn. Broadcast, Corp. Sci. and Tech. Res. Lab.; Tokyo Broadcast. Syst., Inc.; Matsushitadenkisangyo Eizoonkyojohoken Terebijon Gakkaishi (Journal of the Institute of Television Engineers of Japan), 1994, VOL. 48, NO. 7, PAGE. 794-803, FIG. 4, TBL. 4, REF. 56, JOURNAL NUMBER: F0330ABG, ISSN NO: 0386-6831	
9		MUKUHIRA YASUHIRO, et al., VPT System for VHS VCR, Sanyo Electric Co., Ltd., Sanyo Tech Rev, 1990, VOL. 22, NO. 1, PAGE 3-9, FIG. 7, REF 5, JOURNAL NUMBER: F0222AAV ISSN NO: 0285-516X CODEN: STRVD	

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		Application Number	09/903457
		Filing Date	July 10, 2001
		First Named Inventor	Joseph Kuriacose
		Group Art Unit	2166
		Examiner Name	Kalinowski, Alexander G.
		Attorney Docket Number	5214P001RD3
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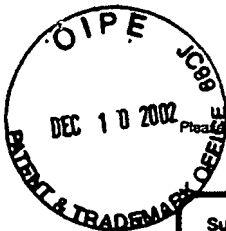
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9		BEREITER, PHILIPS, "Video-on-Demand vor, Blick durch die Wirtschaft - Beilage zur Frankfurter Allgemeinen Zeitung, v37, n71 13.04.94, pp8, 1994	
		STALLINGS, WILLIAM, "Consultative Committee on International Telegraphy and Telephony", Telecommunications, v24, n3, p29(5), March, 1990	
		RICHARDS, T., et al., "The Interactive Island-Singapore's Televue System", Journal: IEEE Review Vol. 37, No. 7 p. 259-63, Publication Date: 18 July 1991 Country of Publication: UK	
		MULNER, H., et al., "Modern Videotex Services and Interactive Telesoftware", Inst. for Info Process., Tech. Univ. Gaz, Austria, Videotex International, Proceedings of the Conference p. 345-51, Publisher: Online Int. Pinner, UK, Publication Date: 1985 Country of Publication: UK xiv+404 pp.	
		YANG, D.J., et al., "Proposed Home Information System in Taiwan: Videoinfo system", Industrial Technology Research Inst, Hsinchu, Taiwan, Chicago, IL, USA, Digest of Technical Papers- IEEE International Conference on Consumer Electronics 1994. IEEE, Pisataway, NJ, USA, 94CH3363-9. P 178-179, Publication Year: 1994	
		ANON, "Conference on Electronic Delivery of Data and Software". London, Engl Conference Date: 19860916, Sponsor: IERE, London, Engl, Publ Inst Electron Radio Eng n 69. Publ by IERE, London, Engl 145p	
9		VAN DEN BOOM, HENRIE, "Interactive Videotex System For Two-Way CATV Networks". Eindhoven Univ of Technology, Eindhoven, Neth, AEU, Archiv fue Elektronik & Uebertragungstechnik: Elect. & Com. v40 n 6 Nov-Dec 1986 p 397-401, Publ. Year: 1986	

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/903457
				Filing Date	July 10, 2001
				First Named Inventor	Joseph Kuriacose
				Group Art Unit	2166
				Examiner Name	Kalinowski, Alexander
Sheet	5	of	8	Attorney Docket Number	5214P001RD 3

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JP		PONGRATZ, HANNS JOERG, "Computer Graphics in Videotex", Technischen Univ Grax, Inst fuer Informationsverarbeitung, Grax, Austria, Angewandte Informatik, Applied Informatics v. 27 n 6 Jun 1985 p 232-238, Publication year: 1985	
		Representative ITV services. (Interactive Television) (Is ITV Here to Stay?), Byte, v18, n2, p141(1), Feb, 1993	
		WOOLNOUGH, ROGER, Teleview Puts Datacom On Screen - Hybrid videotex melds phone, TV, Electronic Engineering Times, 1988, N 499,49, Publication Date: 880815	
		BROWN, L.J., et al., "BBC Telesoftware-3 Years On", Affiliation: BBC Enterprises Ltd., London, UK, Conference on Electronic Delivery of Data and Software, (Publ. No. 69) p. 35-8, Publisher: IERE, London, UK, Publication Date: 1986 Country of Publication: UK 160 pp.	
		GUENOT, A., "CIDAC: Integrated Circuit For Acquisition and Control (In Teletext)", RTC-Compelec, Paris, France, Journal: Acta Electronica Vol. 27, No. 1-2 p. 139-44, Publication Date: 1985 Country of Publication: France	
		SMITHSON, P.M., et al., "The Development of an Operational Computer Based Satellite Data Broadcasting System", Plymouth Univ., UK, Tenth International Conference on Digital Satellite Communications (Con. Publ. No. 403) Part Vol. 2 p. 405-12 Vol. 2. Publisher: IEEE, London, UK, Publication Date: 1994 Country of Publication: UK 2 Vol.	
JP		D'AMATO, P., et al., "DATAVIDEO: the New Data Broadcasting System Through Television Channels", TELEVIDEO RAI, Roma, Italy, Journal: Electronica c Telecomunicazioni Vol. 40, No. 2 p. 65-74, Publ. Date: Aug. 1991 Country of Publication: Italy	

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Complete if Known		
			Application Number	09/903457	
Sheet	6	of	8	Filing Date	July 10, 2001
				First Named Inventor	Joseph Kuriacose
				Group Art Unit	2166
				Examiner Name	Kalinowski, Alexander G.
				Attorney Docket Number	5214P001RD3

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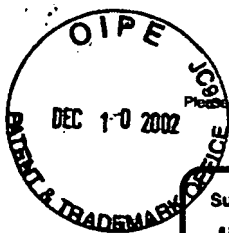
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9		OHTSUKI, M., et al. "Experimental Receiving System For TV-Multiplexed Data Broadcasting", R & D Lab., NEC Home Electron. Ltd., Tokyo, Japan, Journal: NEC Technical Journal Vol. 42, No. 5 p. 10-15, Publication Date: April 1989 Country of Publication: Japan	
		TEMESI, A., et al., "Telesoftware-The Simple Way", Inst. of Telecommun. Electron., Budapest Tech. Univ., Hungary, Publisher: North-Holland, Amsterdam, Netherlands, Publication Date: 1988 Country of Publication: Netherlands x+225 pp.	
		STOW, R.G., "Receiving Conditional Access Teletext", Philips Consumer Electron., Croydon, UK, IEEE Colloquium on Encryption for Cable and DBS' (Digest No. 24) p.5/1-4, Publisher: IEEE, London, UK, Publication Date: 1986, Conference Location: London, UK	
		OHTSUKI MITSUHIRO, et al. "Experimental Receiving System For TV-Multiplexed Data Broadcasting", NEC Home Electronics Ltd., R & O Labs, NEC Giho (NEC Technical Journal), 1989, VOL. 42, No. 5, PAGE. 10-15, FIG. 12, TBL. 2, REF.5	
9		COMINETTI M., et al., "Data Broad Casting Services", cent. ric., Torino Italy, Journal: Electronica e Telecomunicazioni, 1990, 39 (2) 83-88, Country of Publication: Italy	

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Substitute for form 1449A/PTO			Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	09/903,457
			Filing Date	July 10, 2001
Sheet <u>7</u> of <u>8</u>			First Named Inventor	Joseph Kuriacose
			Group Art Unit	2166
			Examiner Name	Kalinowski, Alexander G.
			Attorney Docket Number	5214P001RD3

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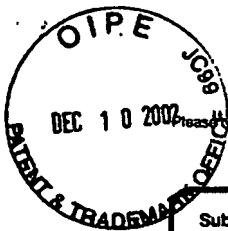
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9/13		BUNDY, MATTHEW J., "SkyPix System Design", Doc. No. 920162-K-02-01-0.2, Project: SkyPix System, Customer: Starscan, Adaptive Micro-Ware, Inc, pp. 1-18, Appendix A-1 - A-8	
		BUNDY, MATTHEW J., "SkyPix System Specification", Doc. No. 920162-K-02-01-0.11, Project: SkyPix System, Customer: Starscan, Adaptive Micro-Ware, Inc, pp. 1-12, Appendix A	
		Menu Object, Description: A Menu Object, An Image Bitmap, Palette_Colors- Number of colors in palette, Adaptive Micro-Ware, Inc.	
		Menu Header, Description: A Menue Header, Entry_Count - The number of header entries to follow., Menu Scroll, Description: A menu scroll, Menu Footer, Description: A menu footer, Info Block, Description: An information block, Adaptive Micro-Ware, Inc.	
		LUMBATIS, KURT, "Menu Object Data Specification", Doc. No.: 921001-A-01-0.4, Project: Menu Generation, customer: Starscan, Adaptive Micro-Ware, Inc., pp. 1-17, Appendix A-B	
		REILLY, MARK L., "Specification", Doc. No.: 921071-A-02-02-0.4, Project: Data Object Delivery Interface, Customer: Northwest Starscan, Adaptive Micro-Ware, Inc., pp. 1-8	
		REILLY, MARK L., "Comm Frame Specification", Doc. No.: 912621-A-01-01-1.3, Project: starscan Data Delivery, Customer: Northwest Starscan, Adaptive Micro-Ware, Inc., pp. 1-14	

Examiner Signature	<u>9/13/02</u> <u>GARG</u>	Date Considered	<u>9/13/02</u>
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/903,457
Filing Date	July 10, 2001
First Named Inventor	Joseph Kuriacose
Group Art Unit	2166
Examiner Name	Kalinowski, Alexander G.
Attorney Docket Number	5214P001RD3

Sheet

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OTHER ART - NON PATENT LITERATURE DOCUMENTS

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g		CLARK, DEREK, "Specification", Doc. No.: 900171-F-10-01-2.0, Project: Comm Frame Data specification, Customer: Starscan, Adaptive Micro-Ware, Inc., pp.1-121	
		REILLY, MARK L., Memorandum, Subject: Fractional Channel Frame Formats, October 2, 1991, Adaptive Micro-Ware, Inc, Technology Development, Adaptive Micro-Ware, Inc.	
g		REILLY, MARK L., Critical Issues Update, Issue Heading: Comm Frame Spec, October 28, 1991, Adaptive Micro-Ware, Inc, Technology Development, Adaptive Micro-Ware, Inc.	

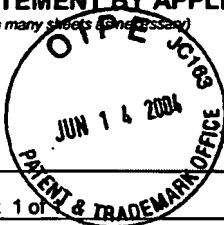
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Complete if Known

Application Number 09/903,457
 Filing Date July 10, 2001
 First Named Inventor Jessup, Ansley
 Group Art Unit Unknown
 Examiner Name Kalinowski, Alexander

Attorney Docket No: 5214P001RD3

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US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date if Appropriate
9	US-4,547,851	10/15/1985	Kurland, Lawrence G.	364		10/15/1985
	US-4,602,279	07/22/1986	Freeman, Michael J.	358		03/21/1984
	US-4,694,490	09/15/1987	Harvey, John C., et al.			11/03/1981
	US-4,704,725	11/03/1987	Harvey, John C., et al.	380		02/14/1986
	US-4,766,599	08/23/1988	Miyazaki, Shinichi	375		08/27/1986
	US-4,926,255	05/15/1990	Von Kohorn, Henry	358		05/10/1988
	US-4,975,771	12/04/1990	Kassatly, Salim A.	358		12/18/1989
	US-4,982,440	01/01/1991	Dufresne, Michel, et al.	455		04/21/1989
	US-5,003,591	03/26/1991	Kauffman, Marc W., et al.			05/25/1989
	US-5,005,171	04/02/1991	Modisette, David R., et al.	370		01/09/1990
	US-5,093,718	03/03/1992	Hoarty, W. L., et al.	358		09/28/1990
	US-5,111,292	05/05/1992	Kuriacose, Joseph, et al.	358		02/27/1991
	US-5,115,309	05/19/1992	Hang, Hsueh-Ming	358		09/10/1990
	US-5,144,425	09/01/1992	Joseph, Kuriacose	358		08/26/1991
	US-5,220,420	06/15/1993	Hoarty, W. L., et al.	358		09/10/1991
	US-5,418,559	05/23/1995	Blahut, Donald E.	348		10/23/1992
	US-5,440,632	08/08/1995	Bacon, Kinney C., et al.	380		03/28/1994
	US-5,497,185	03/05/1996	Dufresne, Michel, et al.	348		08/17/1994
	US-5,600,364	02/04/1997	Hendricks, John S., et al.			12/02/1993
9	US-6,188,436	02/13/2001	Williams, Jim C., et al.	348		01/31/1997

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
9	GB-2280977	02/15/1995	Dufresne, Michel, et al.			

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

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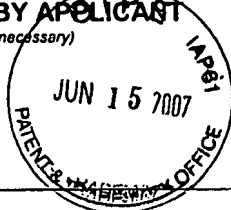
Substitute Disclosure Statement Form (PTO-1449)
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Complete if Known

Application Number	09/903,457
Filing Date	July 10, 2001
First Named Inventor	Joseph, Kuriacose
Group Art Unit	3626
Examiner Name	Kalinowski, Alexander

Sheet 1 of 1

Attorney Docket No: 2050.001US6

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-5,559,549	09/24/1996	Hendricks, J. S., et al.	12/02/1993
	US-5,657,414	08/12/1997	Lett, D. B., et al.	12/01/1992

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
	EP-0594353	04/27/1994	Blahut, D. E.	
9	JP-06-089252-English Abstract Only	03/29/1994	Yuichiro, I., et al.	
	JP-06-090409-English Abstract Only	03/29/1994	Hidetoshi, S.	
	JP-2001-112423-English Abstract Only	04/24/2001	Makoto, S., et al.	
	JP-2001-220925-English Abstract Only	08/17/2001	Motoharu, H.	
	JP-2003-012738-English Abstract Only	01/15/2003	Akihiko, F., et al.	
	JP-2004-156875-English Abstract Only	06/03/2004	Shoichi, K.	
	JP-2005-236437-English Abstract Only	09/10/1993	Kazuo, K., et al.	
	JP-62-286489-With English Abstract	12/12/1987	Hirobumi, M., et al.	
	WO-9206438A1	04/16/1992	Bush, T. A.	
	WO-9310605A1	05/27/1993	Lappington, J. P., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EAR 9		"National Association of Broadcasters (NAB) ED - National Association of Broadcasters (NAB): Grand Alliance HDTV System Specification, Passage Text", Grand Alliance HDTV System Specification. Draft Document submitted to the ACATS Technical Subgroup, Reprint from proceedings of Annual Broadcast Engg. Conference, Chapter V - Transport System, (Feb. 22, 1994), 7-10	

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